OIPE IAP78 DEC 29 2006 PATENT & TRADEMARK OFFICE

IFW

# TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

| | |
|---|---|
| Application No. | 10/815,347 |
| Filing Date | March 31, 2004 |
| First Named Inventor | Mahesh U. Wagh |
| Art Unit | 2181 |
| Examiner Name | Richard B. Franklin |
| Total Number of Pages in This Submission | 11 |
| Attorney Docket Number | 42P18578 |

**ENCLOSURES** ***(check all that apply)***

- ☒ Fee Transmittal Form
  - ☐ Fee Attached
- ☒ Amendment / Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
  - ☐ PTO/SB/08
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
  - ☐ Basic Filing Fee
  - ☐ Declaration/POA
  - ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s)
  - ☐ Landscape Table on CD
- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) *(please identify below):*

-Return Receipt Postcard (1)

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

| | |
|---|---|
| Firm *or* Individual name | Thomas M. Coester, Reg. No. 39,637<br>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature | Thomas Coester |
| Date | December 27, 2006 |

**CERTIFICATE OF MAILING/TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| | | | |
|---|---|---|---|
| Typed or printed name | **Susan M. Barrette** | | |
| Signature | Susan M. Barrette | Date | **December 27, 2006** |

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DEC 29 2006
PATENT & TRADEMARK OFFICE
IAP78

# FEE TRANSMITTAL for FY 2006

*Patent fees are subject to annual revision.*

☐ Applicant claims small entity status. See 37 CFR 1.27.

**TOTAL AMOUNT OF PAYMENT** ($) 0.00

| *Complete if Known* | |
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| Attorney Docket No. | 42P18578 |

## METHOD OF PAYMENT *(check all that apply)*

☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below
☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
☒ Credit any overpayments

## FEE CALCULATION

### 1. EXTRA CLAIM FEES

| | | | Extra Claims | | Fee from below | | Fee Paid |
|---|---|---|---|---|---|---|---|
| Total Claims | 15 | - 27* = | 0 | x | 50.00 | = | $0.00 |
| Independent Claims | 2 | - 4* = | 0 | x | 200.00 | = | $0.00 |
| Multiple Dependent | | | | | | = | |

| Large Entity Fee Code | Large Entity Fee ($) | Small Entity Fee Code | Small Entity Fee ($) | Fee Description |
|---|---|---|---|---|
| 1202 | 50 | 2202 | 25 | Claims in excess of 20 |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 360 | 2203 | 180 | Multiple Dependent claim, if not paid |
| 1204 | 790 | 2204 | 395 | **Reissue independent claims over original patent |
| 1205 | 300 | 2205 | 150 | **Reissue claims in excess of 20 and over original patent |

***or number previously paid, if greater, For Reissues, see below*

SUBTOTAL (1) ($) 0.00

### 2. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee ($) | Small Entity Fee Code | Small Entity Fee ($) | Fee Description | Fee Paid |
|---|---|---|---|---|---|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 2053 | 130 | 2053 | 130 | Non-English specification | |
| 1251 | | 2251 | | Extension for reply within first month | |
| 1252 | | 2252 | | Extension for reply within second month | |
| 1253 | | 2253 | | Extension for reply within third month | |
| 1254 | | 2254 | | Extension for reply within fourth month | |
| 1255 | | 2255 | | Extension for reply within fifth month | |
| 1401 | | 2401 | | Notice of Appeal | |
| 1402 | | 2402 | | Filing a brief in support of an appeal | |
| 1403 | | 2403 | | Request for oral hearing | |
| 1451 | | 2451 | | Petition to institute a public use proceeding | |
| 1460 | | 2460 | | Petitions to the Commissioner | |
| 1807 | | 1807 | | Processing fee under 37 CFR 1.17(q) | |
| 1806 | | 1806 | | Submission of Information Disclosure Stmt | |
| 1809 | | 1809 | | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | | 2810 | | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| Other fee (specify) | | | | | |

SUBTOTAL (2) ($)

## SUBMITTED BY

Complete (if applicable)

| Name (Print/Type) | Thomas M. Coester | Registration No. (Attorney/Agent) | 39,637 | Telephone | (310) 207-3800 |
|---|---|---|---|---|---|
| Signature | Thomas Coester | | | Date | 12/27/06 |

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 12/15/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

OIPE IAP78 DEC 29 2006 PATENT & TRADEMARK OFFICE

Docket No.: 42P18578

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mahesh U. Wagh, et al.

Application No.: 10/815,347

Filed: March 31, 2004

For: **APPARATUS AND METHOD TO MAXIMIZE BUFFER UTILIZATION IN AN I/O CONTROLLER**

Art Unit: 2181

Examiner: Richard B. Franklin

## RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

## CLAIMS

What is claimed is:

1. (Withdrawn) An apparatus comprising:

credit management logic to communicate to a chipset an available amount of memory credits in an input/output (I/O) controller;

a first buffer of a first memory size contained within the I/O controller coupled to, and in communication with the credit management logic; and

a second buffer of a second memory size contained within the I/O controller coupled to, and in communication with the credit management logic.